

Remarks/Arguments

Claims 1, 3-18, 20 and 21 are now pending in this application. In the June 16, 2004 non-final office action, claim 1 was rejected under 35 U.S.C. §102 (e) as being anticipated by U.S. Patent No. 6,553,221 to Nakamura et al. (hereinafter "*Nakamura*"). Claims 14-16 were rejected under 35 U.S.C. §102 (e) as being anticipated by U.S. Patent No. 6,311,057 to Barvesten (hereinafter "*Barvesten*"). Claims 1, 3-6, 9, 12 and 13 were rejected under 35 U.S.C. §103 (a) as being obvious over *Barvesten* in view of *Nakamura*. Claims 7 and 8 were rejected under 35 U.S.C. § 103 (a) as being obvious over *Barvesten* in view of *Nakamura* and further in view of U.S. Patent No. 5,805,997 to Farris (hereinafter "*Farris*"). Claims 10 and 11 were rejected under 35 U.S.C. §103 (a) as being obvious over *Barvesten* in view of *Nakamura* and further in view of U.S. Patent No. 5,974,309 to Foti (hereinafter "*Foti*"). Claims 17, 20 and 21 were rejected under 35 U.S.C. §103 (a) as being obvious over *Barvesten* in view of U.S. Patent No. 5,930,701 to Skog (hereinafter "*Skog*"). Additionally, claim 18 was rejected under 35 U.S.C. §103 (a) as being obvious over *Barvesten* in view of *Skog* and further in view of *Farris*.

By this amendment, claims 1, 3-4, and 7-17 are amended. For the reasons set forth below, the applicants respectfully request reconsideration and immediate allowance of this application. Prior to discussing the reasons why the applicants believe that the claims currently pending in this application are allowable, a brief description of the present invention is presented.

Summary of the Invention

The present invention provides a method and system for collecting and storing caller identification information associated with a calling party directed to an out of service wireless telephone. When calls are made to a wireless telephone, a determination is made as to whether the telephone is registered for service, that is, whether the telephone can receive calls because it is powered on and is located within a wireless telecommunications service area where it may receive calls. During periods when the wireless telephone is not registered for service, caller identification information on calls placed to the wireless telephone is stored in an identification queue. Once the wireless

telephone is registered for service, stored caller identification information is forwarded to the wireless telephone and placed in a missed call log on the wireless telephone. By placing this information in the missed call log of the wireless telephone, the user of the wireless telephone may simply review the missed call log to access information about all missed calls including, both calls missed while the wireless telephone was registered for service and the calls missed while the wireless telephone was not registered for service.

Telephone Interview Summary

Mike Baldauff and Leonard Hope interviewed Examiner Simon Sing on August 17, 2004. Mr. Baldauff presented proposed amendments to independent claims 1, 14, and 17 and explained that the cited art does not describe or suggest storing caller identification information corresponding to calls placed to a mobile telephone while the mobile phone is not registered for service in a missed call log located at the mobile telephone. This caller identification information is stored with caller identification information corresponding to calls placed to the mobile phone while the phone was registered for service, but unanswered. Examiner Sing agreed that the cited art fails to teach the recitations of the proposed amendments.

Independent Claim 1

Independent claim 1 was rejected under 35 U.S.C. § 102(e) as being anticipated by *Nakamura*, and under 35 U.S.C. § 103(a) as being obvious over *Barvesten* in view of *Nakamura*. The applicants have amended claim 1 to more clearly recite features of the present invention. The applicants respectfully submit that neither *Nakamura*, nor *Barvesten* in combination with *Nakamura*, teaches, suggests, or describes each recitation of independent claim 1. In particular, the cited art does not describe “. . . for storage in a missed call log on the wireless telephone, wherein the missed call log is operative to store the caller identification information corresponding to calls received but not answered while the wireless telephone is registered to receive calls, and the caller identification information corresponding to calls received while the wireless telephone is not registered to receive calls” as recited by claim 1.

Nakamura describes storing incoming call information for calls placed to a mobile terminal while the terminal is incapable of accepting a call in memory. *Nakamura* does not teach a missed call log, or in particular, a missed call log “operative to store the caller identification information corresponding to calls received but not answered while the wireless telephone is registered to receive calls, and the caller identification information corresponding to calls received while the wireless telephone is not registered to receive calls” as recited by independent claim 1. Accordingly, independent claim 1 is allowable over *Nakamura*.

Barvesten describes transmitting incoming call information for calls placed to a mobile station while the mobile station is operatively unavailable to the mobile station as soon as it is operatively available for automatic display. *Barvesten* does not teach storing the information, or specifically, storing the information in a missed call log “operative to store the caller identification information corresponding to calls received but not answered while the wireless telephone is registered to receive calls, and the caller identification information corresponding to calls received while the wireless telephone is not registered to receive calls” as recited by independent claim 1. As discussed above, *Nakamura* also fails to teach this recitation, therefore combining the teachings of *Barvesten* and *Nakamura* also fails to teach, suggest, or describe the recitations of independent claim 1. For at least this reason, independent claim 1 is allowable over *Nakamura* and *Barvesten* in view of *Nakamura*.

Independent Claim 14

Independent claim 14 was rejected under 35 U.S.C. § 102(e) as being anticipated by *Barvesten*. The applicants have amended claim 14 to more clearly recite features of the present invention. The applicants respectfully submit that *Barvesten* fails to teach, suggest, or describe each recitation of independent claim 14. In particular, the cited art does not describe “for storage in a missed call log on the wireless telephone, wherein the missed call log is operative to store the caller identification information corresponding to calls received but not answered while the wireless telephone is registered to receive calls, and the caller identification information corresponding to calls received while the wireless telephone is not registered to receive calls” as recited by claim 14.

As discussed above with respect to independent claim 1, *Barvesten* describes displaying caller identification information, but not storing caller identification in a missed call log. Consequently, for the same reasons discussed above with respect to claim 1, independent claim 14 is allowable over *Barvesten*.

Independent Claim 17

Independent claim 17 was rejected under 35 U.S.C. § 103(a) as being obvious over *Barvesten* in view of *Skog*. The applicants have amended claim 17 to more clearly recite features of the present invention. The applicants respectfully submit that *Barvesten* in combination with *Skog* fails to teach, suggest, or describe each recitation of independent claim 17. In particular, the cited art does not describe “wherein the missed call log is operative to store the caller identification information corresponding to calls received but not answered while the wireless telephone is registered to receive calls, and the caller identification information corresponding to calls received while the wireless telephone is not registered to receive calls” as recited by independent claim 17.

As discussed above with respect to independent claims 1 and 14, *Barvesten* describes displaying caller identification information, but not storing caller identification in a missed call log. *Skog* is cited for disclosing an HLR operative to obtain caller identification information, to determine whether the terminating mobile terminal is reachable, to send the information to a database if the terminal is not reachable, and to forward the information to the terminating mobile terminal if the terminal becomes reachable. *Skog* is not cited for describing storing the information in a missed call log at the mobile terminal, “wherein the missed call log is operative to store the caller identification information corresponding to calls received but not answered while the wireless telephone is registered to receive calls, and the caller identification information corresponding to calls received while the wireless telephone is not registered to receive calls” as recited by claim 17. *Skog* does not describe or suggest this recitation. Consequently, because neither *Barvesten*, nor *Skog*, nor a combination of *Barvesten* and *Skog* teaches each recitation of independent claim 17, independent claim 17 is allowable over *Barvesten* in view of *Skog*.

Dependent Claims 3-13, 15-16, 18, and 20-21

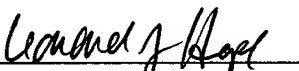
Dependent claims 3-4, 7-13, and 15-16 have been amended to correct minor editorial issues. The amendments do not alter claim content and scope. Because the cited art fails to teach, suggest, or describe the recitations of claims 3-13, 15-16, 18, and 20-21 and because claims 3-13, 15-16, 18, and 20-21 depend from allowable independent claims 1, 14, and 17, dependent claims 3-13, 15-16, 18, and 20-21 are allowable over the prior art of record.

Conclusion

In view of the foregoing amendment and remarks, the applicants respectfully submit that the present application is in condition for allowance. Reconsideration and reexamination of the application and allowance of the claims at an early date is solicited. If the Examiner has any questions or comments concerning this matter, the Examiner is invited to contact the applicants' undersigned attorney at the number below.

Respectfully submitted,
MERCHANT & GOULD

Date: September 13, 2004


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